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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Raymond de Callafon
Serial No.: 10/579,520
Conf. No.:
Filed: May 15, 2006
For: ACTIVE NOISE CONTROL
METHOD AND APPARATUS
INCLUDING FEEDFORWARD AND
FEEDBACK CONTROLLERS
Art Unit:
Examiner:

*I hereby certify that this paper is being deposited with
the United States Postal Service as first class mail in an
envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

3/14/07

Date

Registration No.

35132

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within any of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the application or the date of entry into the national stage; or
- (b) before the mailing date of First Office Action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a First Office Action after the filing of a Request for Continuing Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By:

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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Application Number | 10/579,520 |
| | Filing Date | 5/15/2006 |
| | First Named Inventor | Raymond de Callafon |
| | Art Unit | |
| | Examiner Name | |
| Sheet 1 of 1 | Attorney Docket Number | 0321.68700 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-------------|--|---|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), city and/or country where published. | T |
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| /XM/ | 2. | E. ESMAILZADEH, A. ALASTY, A.R. OHADI, "Hybrid Active Noise Control of a One-Dimensional Acoustic Duct," ASME Journal of Vibration and Acoustics, Vol. 124, 2002, pp. 10-18. | |
| /XM/ | 3. | C.R. FULLER, A.H. VON FLOTOW, "Active Control of Sound and Vibration," IEEE Control Systems Magazine, Vol. 15, No. 6, Dec. 1995, pp. 9-19. | |
| /XM/ | 4. | J.S. HU, J.F. LIN, "Feedforward Active Noise Controller Design in Ducts Without Independent Noise Source Measurements," IEEE Transactions on Control System Technology," Vol. 8, No. 3, 2000, pp. 443-455. | |
| /XM/ | 5. | C.E. KINNEY, R.A. de CALLAFON, "Periodic Disturbance Rejection with an Internal Model-Based H ₂ Optimal Controller". | |
| /XM/ | 6. | K.K. SHYU, C.Y. CHANG, "Modified FIR Filter with Phase Compensation Technique to Feedforward Active Noise Controller Design," IEEE Transactions on Industrial Electronics," Vol. 47, No. 2, Apr. 2000, pp. 444-453. | |
| /XM/ | 7. | J. ZENG, R.A. de CALLAFON, "Feedforward Noise Cancellation in an Airduct using Generalized FIR Filter Estimation", Proceedings on Decision and Control, Maui, Hawaii, December 2003, pp. 6392-97. | |

/XM/

Date considered: 10/16/08